GPS1150P

1150 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Perkins

4008TAG2A

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE
Perkins 4008TAG2A

ALTERNATOR
Mecc Alte ECO43 1M4 A

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
1025 kVA 820 kW

STANDBY POWER / ESP
1125 kVA 900 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The GPS model number is a rounded class; use the exact ratings for selection.

PUBLISHED ELECTRICAL RATINGS

Voltage (V)	Connection	ESP (kVA)	ESP (kW)	PRP (kVA)	PRP (kW)
400	SD	1125	900	1025	820

PRP = prime power. ESP = emergency standby power. Values apply to the selected engine and alternator above. Connection codes follow the reference specification and must be confirmed before installation.

Technical specification

GPS1150P | Perkins 4008TAG2A | Open set

ENGINE

Manufacturer	Perkins
Model	4008TAG2A
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	8
Arrangement	In Line
Displacement	30.561L
Bore	160mm
Stroke	190mm
Compression ratio	13.6:1
Cooling	Liquid Cooled
Coolant capacity	149L
Oil capacity	153L

ALTERNATOR

Manufacturer	Mecc Alte
Model	ECO43 1M4 A
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	DER-1/A
Voltage regulation	0.5%
Insulation class	H
Excitation	Auxiliary Wound
Winding	T0405P3
Harmonic content	<3.50%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
111 L/h	162 L/h	215 L/h	240 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. GenPro will confirm a suitable build and its exact specification.

Final enclosure, controls, protection, acoustics and emissions suitability must be specified for the project. This sheet is a configuration guide, not an installation drawing.
GenPro technical specification | Reviewed 2026-10-12